

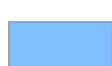
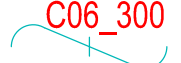


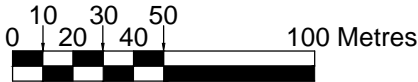
Location Plan

Key to Plan

-  Benefiting Lands
 -  1 in 100yr Fluviial Flood Extent
 -  Watercourse
-  Channel Centreline Reference (C06) and Chainage (300m)

Notes:

- Do not scale from drawing.
- Proposed works geometry and extents are subject to detailed design.
- This drawing should be read in conjunction with all other River Bride (Blackpool) Certified Drainage Scheme Exhibition Drawings and Schedules.



Scale 1:2,500 at A1
Scale 1:5,000 at A3

Drg. No. RB_105 Existing Flood Extents and Proposed Flood Benefit Area (Sheet 2 of 2)



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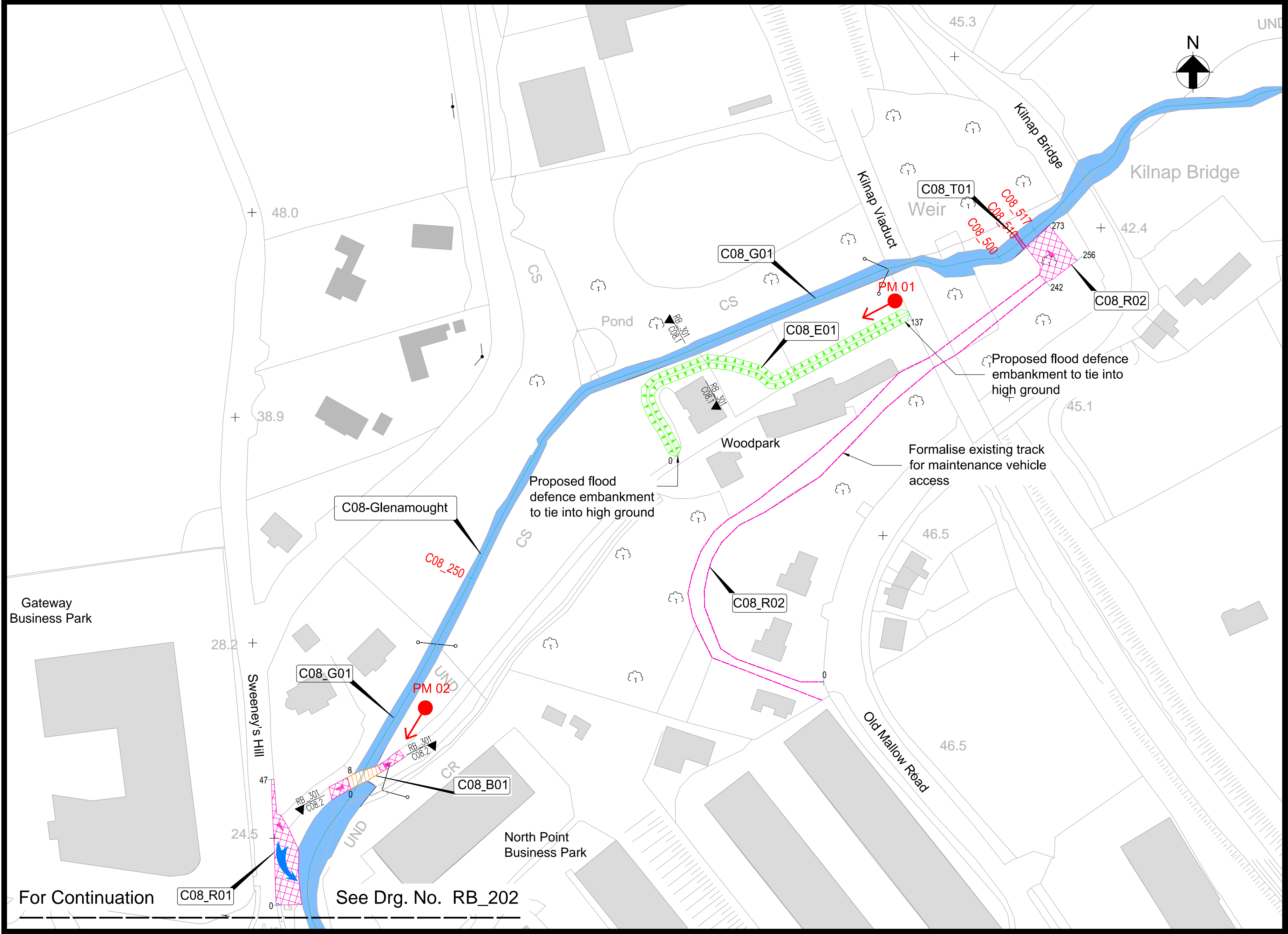
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Proposed Flood Defences - Restrictions

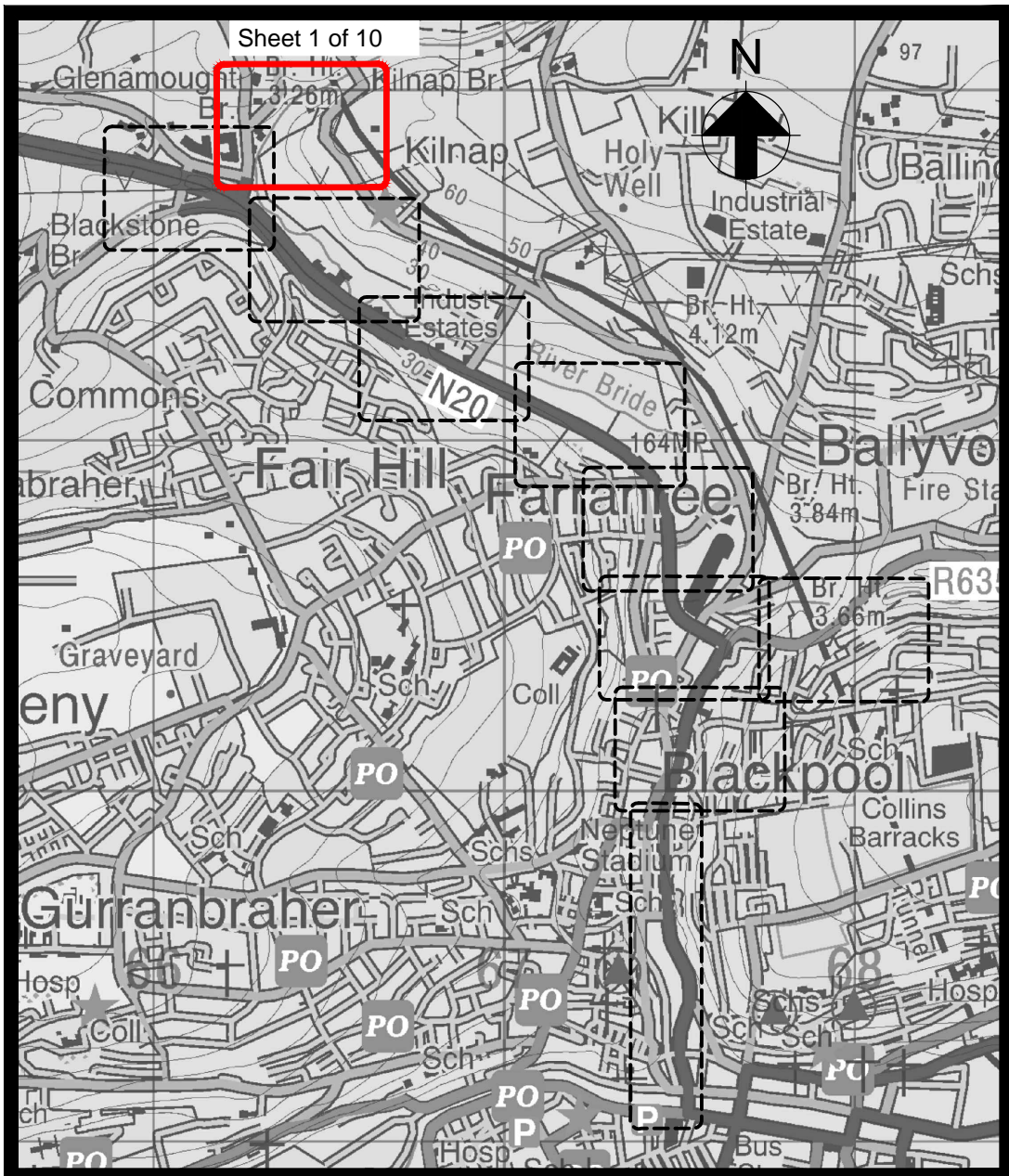
Proposed Flood Defence	Restrictions
Flood Defence Embankments	<p>Flood defence embankments shall not be tilled or planted with any vegetation other than grass.</p> <p>Permanent access to be provided for maintenance and inspection of the flood defence embankments - refer to proposed access and work area drawings RB_501 and RB_502.</p> <p>Flood defence embankments to be regularly maintained through frequent grass cutting (approximately four times per year).</p> <p>Non-authorised vehicular or pedestrian access on flood defence embankments shall not be permitted.</p> <p>Flood defence embankments shall not be grazed by livestock other than sheep due to the potential risk of rutting or causing damage to the embankments.</p> <p>No works shall be permitted in close proximity to flood defence embankments without approval from the Office of Public Works (OPW).</p>
Flood Defence Walls	<p>Permanent access to be provided for maintenance and inspection of flood defence walls - refer to proposed access and work area drawings RB_501 and RB_502.</p> <p>No works shall be carried out to flood defence walls or in close proximity to flood defence walls without approval from the Office of Public Works (OPW).</p> <p>No excavation of material close to flood defence walls shall be permitted without the approval of the Office of Public Works (OPW).</p>
Pumping Stations	<p>Permanent access to be provided for maintenance and inspection of pumping stations - refer to proposed access and work area drawings RB_501 and RB_502.</p> <p>No works shall be carried out near pumping stations or in close proximity to the pumping stations without approval from the Office of Public Works (OPW)</p> <p>No local connections or drains shall be connected to a pumping station without approval from the Office of Public Works (OPW).</p> <p>No vegetation, material or detritus shall be disposed of within the channel, as this may increase the risk of blockage at pumping stations.</p>
Bridges	<p>Permanent access to be provided for maintenance and inspection of bridges - refer to proposed access and work area drawings RB_501 and RB_502.</p> <p>No works shall be carried out to bridges or in close proximity to bridges without approval from the Office of Public Works (OPW).</p> <p>No vegetation, material or detritus shall be disposed of within the channel, as this may increase the risk of blockage at bridges.</p>
Culverts	<p>No local connections or drains shall be connected to culverts without approval from the Office of Public Works (OPW).</p> <p>No works shall be carried out to culverts or in close proximity to culverts without approval from the Office of Public Works (OPW).</p> <p>No vegetation, material or detritus shall be disposed of within the channel, as this may increase the risk of blockage within culverts.</p>
Winter Channel	<p>No works shall be carried out to the winter channel or in close proximity to the winter channel without approval from the Office of Public Works (OPW).</p> <p>No vegetation, material or detritus shall be disposed of within the winter channel, as this may reduce the capacity of the channel.</p>
Sediment Trap	<p>No works shall be carried out to the sediment trap or in close proximity to the sediment trap without approval from the Office of Public Works (OPW).</p>
Regraded Ground	<p>No works shall be carried out to regraded ground, such as road resurfacing, without approval of the Office of Public Works (OPW).</p>
Trash Screens	<p>No works shall be carried out to the trash screens or in close proximity to the trashscreens without approval from the Office of Public Works (OPW).</p>



Interference Reference	Channel Chainage (m)	Proposed Works Chainage (m)	General Description of Proposed Works
C08_B01	-	0 to 8	Replace existing masonry bridge with a new reinforced concrete bridge. Bridge to be of 10.50m clear span and 8m wide deck. Construct new access ramps to bridge, incorporating new reinforced concrete retaining walls where necessary.
C08_E01	-	0 to 137	Proposed flood defence embankment to be constructed typically 5.40m wide and to a height of 1.10m above existing ground levels to flood defence level (varies from 27.01 to 28.44mOD). Flood defence embankment to tie into high ground at each end.
C08_R01	-	0 to 47	Proposed surface water drainage measures and regrading of local ground levels to divert excess surface water runoff into the River Glenamought upstream of North Point Business Park bridge.
C08_G01	0 to 517	-	Channel to be maintained over a distance of 517m from the confluence of the River Glenamought and River Bride (C08-000) to upstream of the proposed roughing screen (C08-517).
C08_T01	510	-	Proposed roughing screen to be installed downstream of Kilnap Bridge.
C08_R02	-	0 to 273	Proposed ramp to facilitate maintenance access to the channel and proposed roughing screen. Formalise existing track for maintenance vehicles, including constructing guard barriers where necessary.

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Location Plan



Key Plan

Scale 1:20,000 at A1
Scale 1:40,000 at A3

Key to Plan

- | | | | |
|--|---|--|--|
| | Watercourse | | Proposed New Bridge |
| | Channel Centreline, Reference (C08) and Chainage (300m) | | Proposed Flood Defence Embankment |
| | Photomontage (Location, Orientation and No.) | | Proposed Regrading of Ground Levels |
| | Interference Reference. | | Formalise Existing Access Track |
| | Location and Reference of Cross Section | | Proposed Surface Water Overland Flow Route |
| | Proposed Works Chainage (m) | | |
| | Proposed Roughing Screen | | |

Scale 1:1,000 at A1
Scale 1:2,000 at A3

Drg. No. RB_201 Proposed Flood Defences - Plan Layout (Sheet 1 of 10)

ARUP

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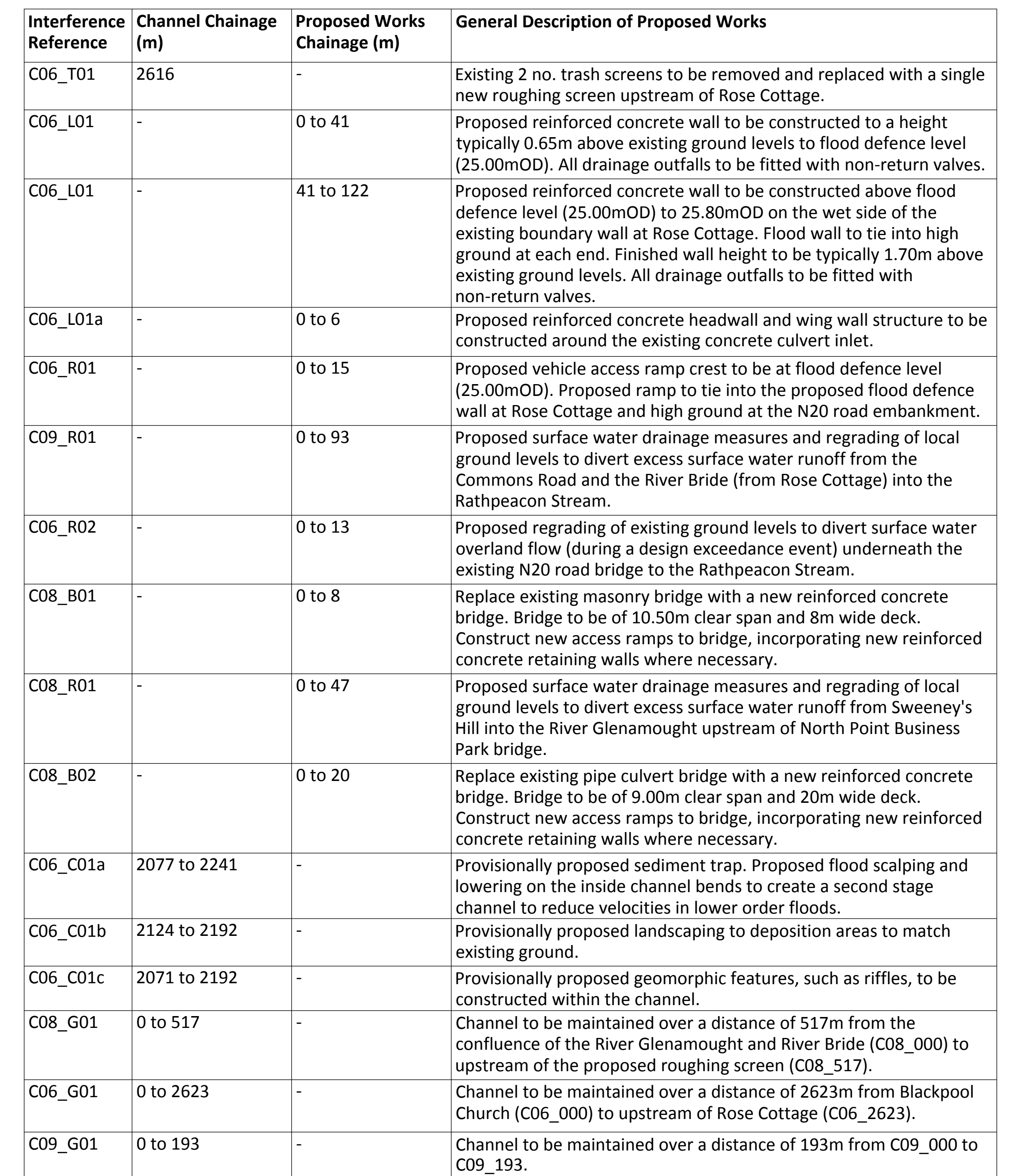


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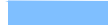







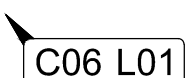






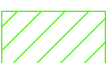



Notes:

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3. This drawing should be read in conjunction with all other River Bride (Blackpool) Certified Drainage Scheme Exhibition Drawings and Schedules.

Scale 1:1,000 at A1
Scale 1:2,000 at A1



- | | | | |
|---|---|---|---|
|  | Watercourse |  | Existing Culvert to be Retained |
|  | Channel Centreline, Reference (C08) and Chainage (300m) |  | Proposed Regrading of Ground Levels |
|  | Photomontage (Location, Orientation and No.) |  | Proposed Retaining Wall |
|  | Proposed Flood Defence Wall |  | Proposed Vehicle Access Gate |
|  | Interference Reference |  | Proposed Fencing |
|  | Location and Reference of Cross Section |  | Proposed Surface Water Overland Flow Route |
|  | Proposed Works Chainage (m) |  | Provisionally Proposed Sediment Trap (Flood Plain Reprofilng) |
|  | Proposed New Bridge |  | Provisionally Proposed Landscaping |
|  | Proposed Roughing Screen | | |

Scale 1:20,000 at A1
Scale 1:40,000 at A3

Drg. No. RB_202 Proposed Flood Defences - Plan Layout (Sheet 2 of 10)

